

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED GAS SUB. REPORT/abd \_\_\_\_\_\* Application rescinded - 8-8-83/btmDATE FILED 5-18-82

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-9211

INDIAN

DRILLING APPROVED: 5-18-82

SPUDED IN:

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA ~~8-8-83~~ 9-14-83 lrdFIELD: ~~WILDCAT~~ 3/86 Main CanyonUNIT: MAIN CANYONCOUNTY: UINTAHWELL NO. FEDERAL #1-6-15-23API NO. 43-047-31219LOCATION 269' FT. FROM X (S) LINE.1028FT. FROM (E) XX LINE.SE SE1/4 - 1/4 SEC.6

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

15S23E6COSEKA RESOURCES LTD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coseka Resources (U.S.A.) Limited

## 3. ADDRESS OF OPERATOR

P.O. Box 399, Grand Junction, Colorado 81502

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

269' FSL, 1,028' FEL, Section 6, T15S, R23E, S.L.B. &amp; M.

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

47.5 miles southeast of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

269'

## 16. NO. OF ACRES IN LEASE

2,511.20

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

9,089'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,291' Ungr.

## 22. APPROX. DATE WORK WILL START\*

June 8, 1982

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	To surface
8 3/4"	7"	23#	5,000'	500' above pay or sufficient
6 1/4"	4 1/2"	11.6#	T.D.	to protect fresh water and coal resources.

## Attachments:

Exhibit "A" - Ten Point Compliance Program  
Exhibit "B" - B.O.P. Schematic  
Exhibit "C" - Proposed Production Layout  
Certified Survey Plat  
13 Point Land Use Plan and Maps

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Gary Roberts*

TITLE

Field Services  
Administrator

DATE

*MARCH 4, 1982*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*W. P. Martin*FOR E. W. GUYNN  
TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

*JUN 11 1982*

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80*State Oil & Gas*

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

JUN 7 1982

SALT LAKE CITY, UTAH Identification CER/EA No. 209-82

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator CoseKa Resources  
Project Type Gas Well  
Project Location 269' FSL 1028' FEL Section 6, T.15 S., R.23 E.  
Well No. 1-6-15-23 Lease No. U-9211  
Date Project Submitted March 8, 1982

FIELD INSPECTION

Field Inspection  
Participants

Date April 26, 1982

Greg Darlington - MMS, Vernal  
Cory Bedman - BLM, Vernal  
Stacy Stewart - CoseKa Resources  
Forrest Bird - Galley Construction  
Daniel Naylor - Northwest Pipeline  
John - Redstone Helicopters

Related Environmental Documents: Unit Resource Analysis, Seep Ridge

Planning Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

June 4, 1982  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur

JUN 07 1982

Date

W. P. Martin  
District Supervisor  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

### Proposed Actions :

Coseka Resources Plans to drill the Main Canyon Unit # 1-6-15-23 well, a 9089 foot gas test of various formations. A new access road of about 2000' length will be required. An area of operations 215' by 350' has been requested for the location. An eventual pipeline hookup for production at this location would be buried along the access road.

### Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: April 26, 1982

Well No.: 1-6-15-23

Lease No.: V-9211

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Shorten pits by 20' on the Northwest side of the location to reduce visual impacts and timber impacts. Place brush pile between Topsoil and stakes 3 and 4 to preclude filling in the pits with topsoil.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

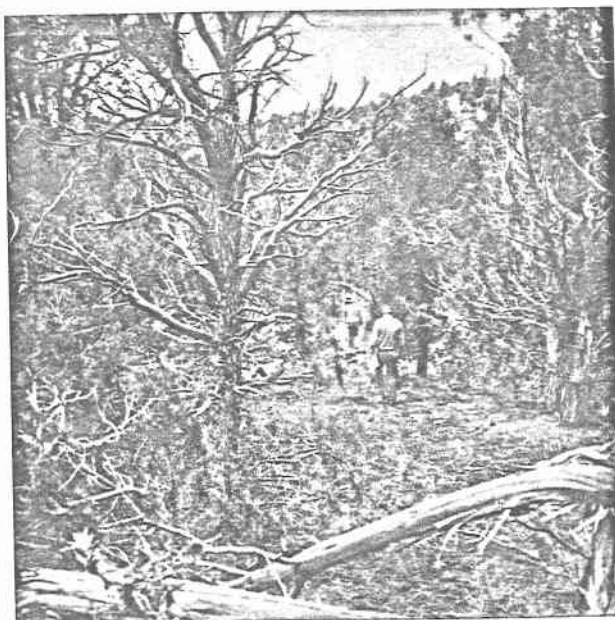
Relatively good location but with considerable cut and fill and construction work. Located on a steep hillside but relatively out of surface rocks or side drainages.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	April 26 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



*North View of  
Coseka 1-6-15-23*



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE JUN 7 1982  
170 South 500 East  
Vernal, Utah 84078 SALT LAKE CITY, UTAH

MINERAL MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

IN REPLY REFER TO

T & R  
U-802

June 2, 1982

Ed Gynn, District Engineer  
Mineral Management Services  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Re: Coseka Resources

- Well #15-11-15-23 Sec. 11, T15S, R23E
- Well #11-1-15-23 Sec. 1, T15S, R23E
- Well #13-4-15-23 Sec. 4, T15S, R23E
- Well #1-6-15-23 Sec. 6, T15S, R23E

207

209

Dear Sir:

A joint field examination was made on April 26, 1982, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.



7. PR Spring may not be used as a water source.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled from the topsoil.
9. Trees and brush will be pushed off the road and pad prior to any mineral soil being bladed.
10. Well #15-11-15-23 was moved 25 feet to the northwest. The top 6-8 inches of topsoil will be stockpiled between reference corners #'s 2-3 at said location.
11. At well #11-1-15-23, the access road was rerouted so that it and the proposed buried pipeline will follow the same route; thus the access road may have a grade of greater than 8%. At said location, no topsoil will be stockpiled due to the amount of fill material needed to level the pad. However, upon abandonment, the pad will be recontoured to a condition that approximates it's original condition and the disturbed area will be ripped to a depth of 12-18 inches prior to seeding.
12. At well #13-4-15-23, the pits will be lined. No topsoil will be stockpiled, but upon abandonment, the BLM will be contacted for recontouring requirements. The disturbed area will be ripped to a depth of 12-18 inches prior to seeding. At this time, we recommend that the seed be drilled into the disturbed area.
13. At well #1-6-15-23, the reserve pit on the west side of the location was shortened 20 feet. At said location, the top 6 inches of topsoil will be stockpiled near corner #4.

In order to minimize watershed damage, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

An archaeological clearance has been conducted by Gordon & Kranzush, Inc. of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

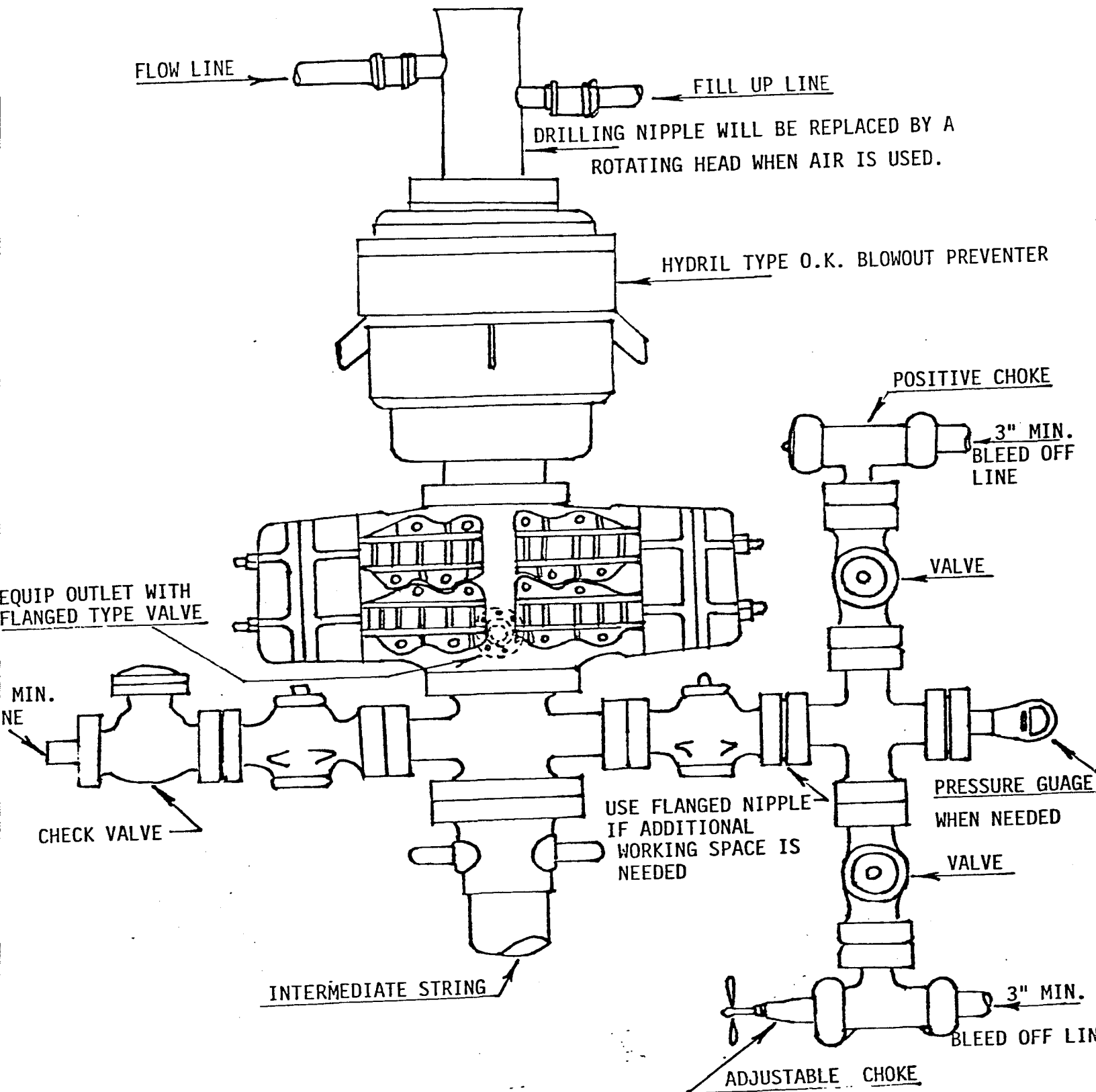
The BLM representative will be Cory Bodman, (801) 789-1362.

Sincerely,

*Karl F. Wright*  
For Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: MMS, Vernal

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND  
BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI WP.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coseka Resources (U.S.A.) Limited

## 3. ADDRESS OF OPERATOR

P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)  
At surface269' FSL, 1,028' FEL, Section 6, T15S, R23E, S.L.B. & M.  
At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

47.5 miles southeast of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)

269'

## 16. NO. OF ACRES IN LEASE

2,511.20

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH  
9,089'20. ROTARY OR CABLE TOOLS  
Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,291' Ungr.

## 22. APPROX. DATE WORK WILL START\*

June 8, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	To surface
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## Attachments:

Exhibit "A" - Ten Point Compliance Program  
Exhibit "B" - B.O.P. Schematic  
Exhibit "C" - Proposed Production Layout  
Certified Survey Plat  
13 Point Land Use Plan and Maps

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5/18/82BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Field Services  
AdministratorSIGNED [Signature]

TITLE

DATE May 10, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

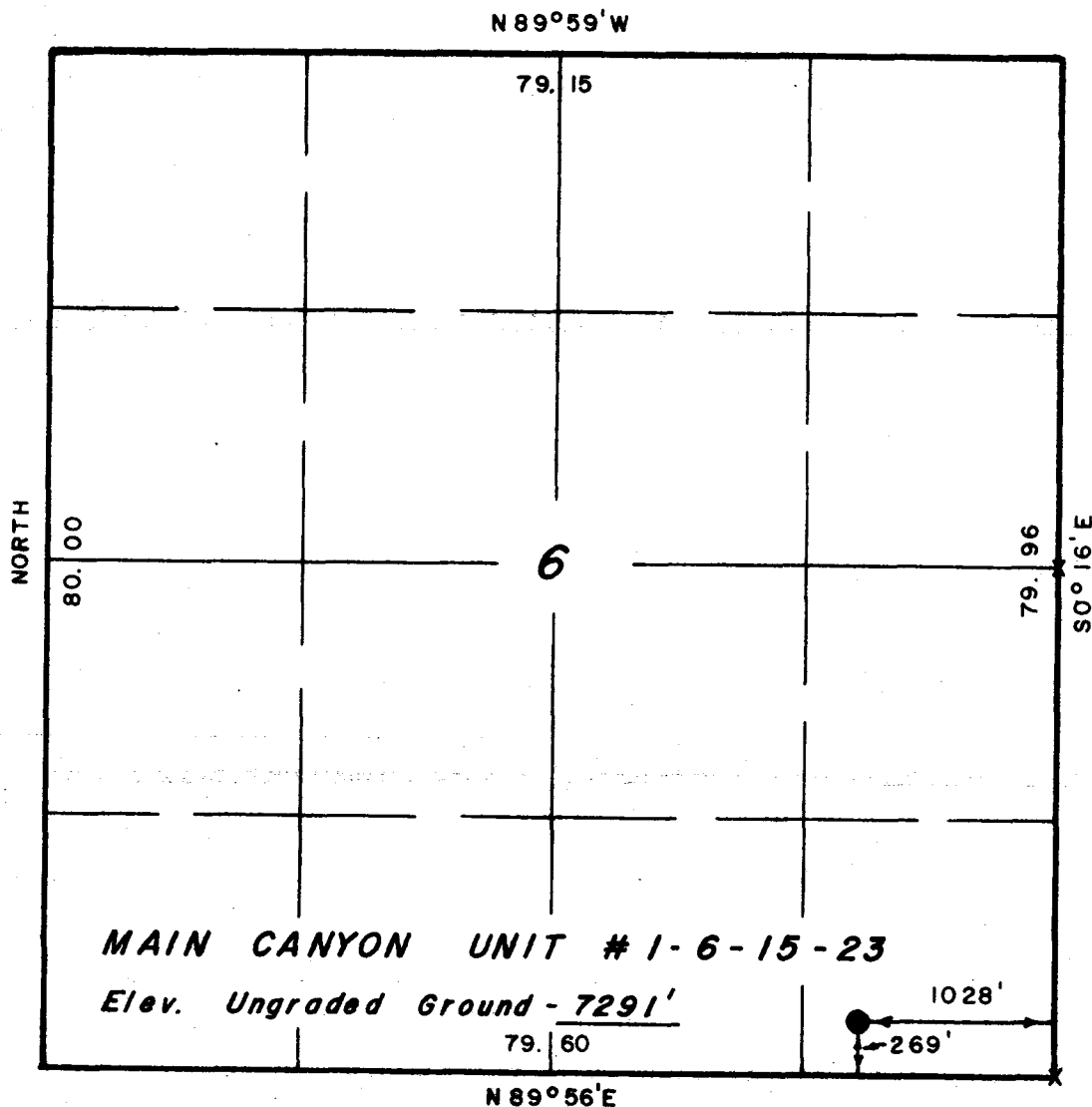
APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**T 15 S, R 23 E, S.L.B.&M.**



X = Section Corners Located

PROJECT

**COSEKA RESOURCES U.S.A. LTD.**

Well location, **MAIN CANYON UNIT # 1-6-15-23**, located as shown in the SE 1/4 SE 1/4 Section 6, T15S, R23E, S.L.B.&M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Dene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q ~ 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2/18/82
PARTY	G.S. T.J. S.B.	REFERENCES	GLO Plat
WEATHER	Cloudy & Cold	FILE	COSEKA

Exhibit "A"

Ten Point Compliance Program

NTL-6

Attached to Form 9-331C  
Well #1-6-15-23  
Uintah County, Utah

1. The geological name for the surface formation is the Green River Formation of Middle Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated RKB elevation of 7,291' are as follows:

Wasatch	1,817'
Mesa Verde	2,595'
Mancos	4,458'
Castlegate SS	4,536'
Mancos "B"	5,283'
Base Mancos "B"	5,955'
Dakota	8,333'
Cedar Mtn. Morrison	8,531'
Entrada	9,139'
Total Depth	9,089'

3. Of the formations listed above it is anticipated that the Dakota, Mancos and Cedar Mountain/Morrison formations may be gas bearing in the well.
4. The proposed casing program for completion of this well will consist of 4 1/2", 11.6#, N-80 new casing; intermediate casing will consist of 7", 23# new casing and will be run to 5,000'; 200' of 9 5/8", 36#, H-40 surface casing will be run and will be new.

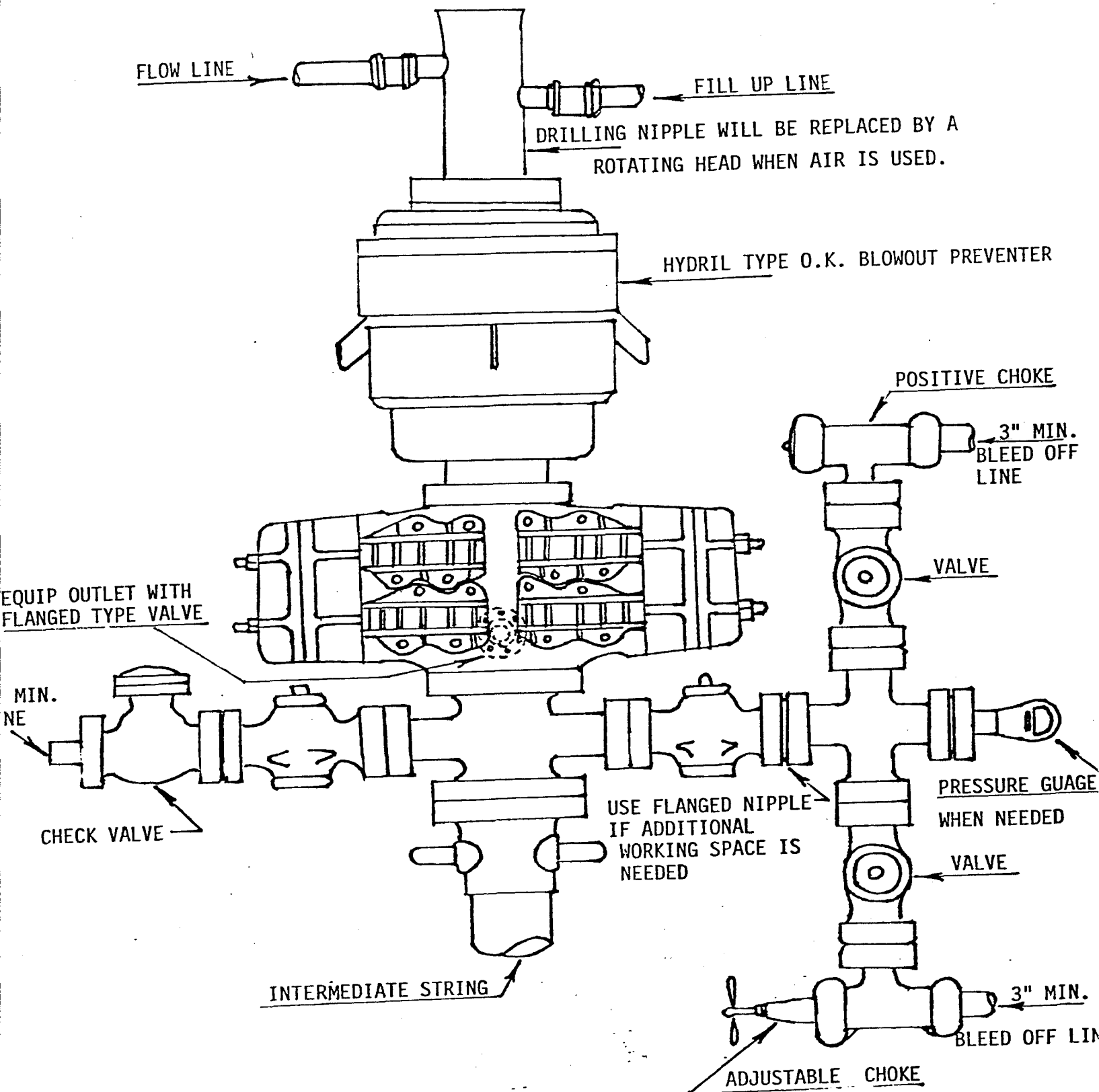
5. The operator's minimum specifications for pressure control equipment are as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Additionally, while air drilling, a Series 900 Rotating Head will be used. Pressure tests of BOP's to 1000# will be made after installation and operation and will be checked daily. (See Exhibit "B")

6. It is proposed that the hole will be drilled to the top of the Mancos with air and mist as necessary in order to clean the hole. From the Mancos to Total Depth it is planned to drill the well with air or air mist.

7. Auxiliary equipment to be used will be a Kelly Cock and a Float at the Drill bit.
8. No coring or drill stem testing has been scheduled for this well. The logging will consist of a dual induction laterolog and a compensated neutron formation density log.
9. It is not anticipated that abnormal pressures or temperatures will be encountered nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.
10. It is anticipated that this well will be commenced approximately June 8, 1982 and that the operations will last three weeks.

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND  
BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI WP.





Coseka Resources (U.S.A.) Limited

13 Point Surface Use Plan

for

Well Location

#1-6-15-23

Located in

Section 6, T15S, R23E, S.L.B. & M.

Uintah County, Utah

## 1. Existing Roads

- A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" and "B". The proposed well is located in the SE 1/4 SE 1/4 Section 6, T15S, R23E, S.L.B. & M. See well plat.
- B. The proposed location is approximately 47.5 miles southeast of Ouray, Utah. To reach Coseka Resources Well #1-6-15-23, proceed south from Ouray on the Seep Ridge Road for 46.0 miles. Turn right at the flagged road sign and continue on the existing road for 1.2 miles. The staked location is 0.3 miles northwest of the road. The location is at the head of Little Johnny Canyon.
- C. The proposed route is outlined on Topographic Map "A"
- D. See Topographic Map "B".
- E. Not applicable.
- F. Access to the well site will be over existing 20'-24' wide unsurfaced county and BLM roads. No private roads will be used. County and BLM roads will be regularly maintained by grading, crowning and ditching at least once a year or when necessary. The proposed access road will be crowned and ditched so as to accommodate rig traffic. See Topo Map "B" for details of the existing access road.

## 2. Planned Access Roads

See attached Topographic Map "B".

The planned access road will be approximately 0.3 miles in length and will comply with the general specifications as outlined.

- (1) The proposed access road will be an 18' crown road usable (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal weather conditions that are prevalent to this area.
- (2) The maximum grade of the proposed access road will be 8%. See Topo Map "B" for details of maximum grades and drainage crossings.
- (3) No turnouts are planned for the length of the proposed access road, so that additional cut disturbance on the proposed access can be kept to a minimum.
- (4) Drainage design of the proposed access road will avoid unnecessary disturbance of natural runoff patterns; however, because of the character of the terrain, several runoff drainages will be impacted. Drainage will be implemented so as not to cause siltation or accumulation of debris. Depending upon soil and precipitation factors, drainage dips will be incorporated where appropriate. Where drainages are crossed, low water crossings will be utilized as outlined in BLM/USGS, Surface Operating Standards, p. 25, when-

ever possible. If low water crossings are deemed not feasible, culverts will be installed as outlined in Surface Operating Standards, p. 22. 23. No culverts are planned.

- (5) Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.
- (6) If fences are encountered along the proposed access road, cattle-guards and/or gates will be installed. The cattleguards will have a loading factor large enough to facilitate the heavy trucks required in the drilling and completion of this well.
- (7) The road has been center-line flagged for the full distance of the proposed route.

### 3. Location of Existing Wells

See Map "C". For information purposes, the following wells are within a two mile radius of the proposed well.

- (1) Water wells - None
- (2) Abandoned wells - T15S, R23E, Section 5: NE 1/4 NE 1/4
- (3) Temporarily abandoned wells - None
- (4) Disposal wells - None
- (5) Drilling wells - None
- (6) Producing wells - T15S, R23E, Section 16: NE 1/4 NW 1/4
- (7) Shut-in wells - None
- (8) Injection wells - None
- (9) Monitoring wells - None

### 4. Location of Existing and Proposed Facilities

A. There are existing production facilities located within one mile of the proposed well. See Topographic Map "B".

- (1) Tank batteries - None
- (2) Production facilities - None
- (3) Oil gathering lines - None
- (4) Gas gathering lines - There is an existing Northwest Pipeline gas line approximately 1 mile east of the location.
- (5) There are no injection lines in the area.
- (6) There are no disposal lines in the area.

- B. Due to the exploratory nature of the Coseka Resources drilling program, we are unable to anticipate any production. However, the attached Exhibit "C" shows the proposed production facilities that will be utilized in the event commercial gas is encountered. All production facilities will be kept on the pad. The off-location gas gathering line will be proposed and plans submitted after the well is completed and tested.

Construction materials will be native borrow or cut exposed on the site, and will be consistent with accepted oil field standards and good engineering practices.

A three strand barbed wire fence will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed and have been allowed to dry, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement of BLM standards. A welded pipe fence will be constructed around the wellhead to prevent access to livestock or larger wildlife.

- C. Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil stockpiled on the site. This area will be reseeded as per current BLM guidelines.

5. Location and Type of Water Supply

- A. Water to be used to drill this well will be hauled by truck from a water pond in the NE 1/4 NE 1/4 Section 31, T15S, R23E. Coseka Resources has negotiated a water agreement with Bert Delambert.
- B. Water will be hauled by trucks on the above described access route. See route on Topographic Map "A". No new roads or pipelines will be needed for this purpose.
- C. No water well will be drilled.

6. Source of Construction Materials

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time, but if they are required, appropriate action will be taken to acquire them from private sources after notification is given to the proper regulatory agencies.
- B. Items described in part "A" are from Federal lands.
- C. See part "A".
- D. No other access roads are required other than described in Item 2.

## 7. Methods for Handling Waste Disposal

See Location Layout for the size and location of the reserve pit and the location of the fine mesh wire trash cage. Excess "cut" material will be stockpiled as marked on the Location Layout Sheet.

- (1) Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit on the location pad. This pit will be approximately 8 feet deep and at least one half of this pit will be used as a fresh water storage during the drilling of the well. The disposal and storage areas shall be separated by a dike. Dust produced during the air drilling phase shall be suppressed by inserting a water hose with a spray nozzle into the 7" flow line. A water mist will be continuously injected into the dust stream during the dusting phase of the drilling.
- (2) See Item 1 above for disposal of drilling fluids.
- (3) See Item 1 above for disposal of produced water. Any oil produced after the well is connected to a pipeline will be collected in a tank on location and trucked for sale to the buyer to be determined at that time. No oil production is anticipated from this well.
- (4) A portable chemical toilet will be provided for human waste during the drilling phase.
- (5) Garbage and other waste material will be contained in a trash cage and hauled away by truck to a disposal site provided by Galley Construction in Grand Junction, Colorado.
- (6) Immediately after the drilling rig moves off the location, the remaining trash and garbage will be collected and hauled away by truck. The reserve pit will be fenced on the open side to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids. As soon as the testing is completed, the pit will be covered. The drilling pad will then be reclaimed as detailed in Item 10 discussed below.

## 8. Ancillary Facilities

No airstrips or camps are planned for this well.

## 9. Well Site Layout

See attached Location Layout Sheet which shows the following items:

- (1) Cross section of the pad showing details of the cuts and fills.
- (2) Location of the reserve and blooey pits, pipe racks, living facilities and topsoil stockpile and excess "cut" stockpile.
- (3) Rig orientation, parking areas and access road.

- (4) All pits will be unlined unless it is determined by the representatives of the agencies involved that the pad materials are too porous and would not prevent contamination to the surrounding area; then the pits will be lined with a bentonite gel or other materials necessary to make them impermeable.

#### 10. Plans for Restoration of Surface

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be backfilled. The location will be restored to as near the original contour as feasible and then reseeded.

- (1) Upon completion of the testing phase of the well and prior to the pipeline hookup, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography and the stockpiled soil redistributed over the unused disturbed area. This activity should be completed in the Fall of 1982. After final plugging and abandonment of the well, the entire disturbed area will be contoured and topsoil spread over any previously disturbed area.
- (2) The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BLM District Manager. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean-up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned Items 7 and 10 (1).
- (3) All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until Item (1) is started.
- (4) Any oil or condensate in any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
- (5) Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface equipment will be painted to blend with the environment according to BLM recommendations.

#### 11. Other Information

The topography of the general area is mountainous and cut with numerous canyons. The Green River shale is a weather resistant cap which has produced the flat-top nature of the area. The soils in this semi-arid area are of the Green River formation (Middle Eocene) and the Wasatch formation (Lower Eocene) consisting of light brownish-gray clays (OL) to sandy soils

(SM-ML) with poorly graded gravels. Out crops of sandstone ledges, conglomerate deposits and shale are common in this area. The topsoils in the area range from sandy clay (SM-ML) to clayey (OL) soil.

Vegetation in the area consists of juniper and pinon pine forests as the primary flora with areas of sagebrush, rabbit brush, some grasses and cacti. Removal of the trees and brush in the area will be required on the proposed access route and in the pad area, but will be kept to a minimum and conform to BLM regulations.

Fauna of the area consists of a migrating mule deer population, coyotes, bear, rodents, birds, and fauna connected with a high altitude environment. Access to the well is across Federal leases. Surface administration or ownership lies with the Bureau of Land Management.

The majority of the washes and streams in the area are of a non-perennial nature flowing during the early spring runoff or during extremely heavy rainstorms, which are extremely rare. The normal annual rainfall in the area is only 8". The only live water stream within 5 miles of the well site is Main Canyon.

There are no occupied dwellings and ranch facilities in the general area. There are no visible archaeological, historical and cultural sites within reasonable proximity of the proposed location site. However, the location itself shall be cleared of cultural resources by the firm of Gordon & Kranzush, or Grand River Consultants and the Cultural Resource completion report shall be sent to the BLM.

12. Lessee's or Operator's Representative

Stacy Stewart, Field Services Adm.  
Coseka Resources (U.S.A) Ltd.  
P.O. Box 399  
Grand Junction, Colorado 81502

(303) 245-6220 (Office)  
(303) 241-0557 (Home)

Gary Roberts, Field Services Adm.  
Coseka Resources (U.S.A.) Ltd.  
P.O. Box 399  
Grand Junction, Colorado 81502

(303) 245-6220 (Office)  
(303) 241-5834 (Home)

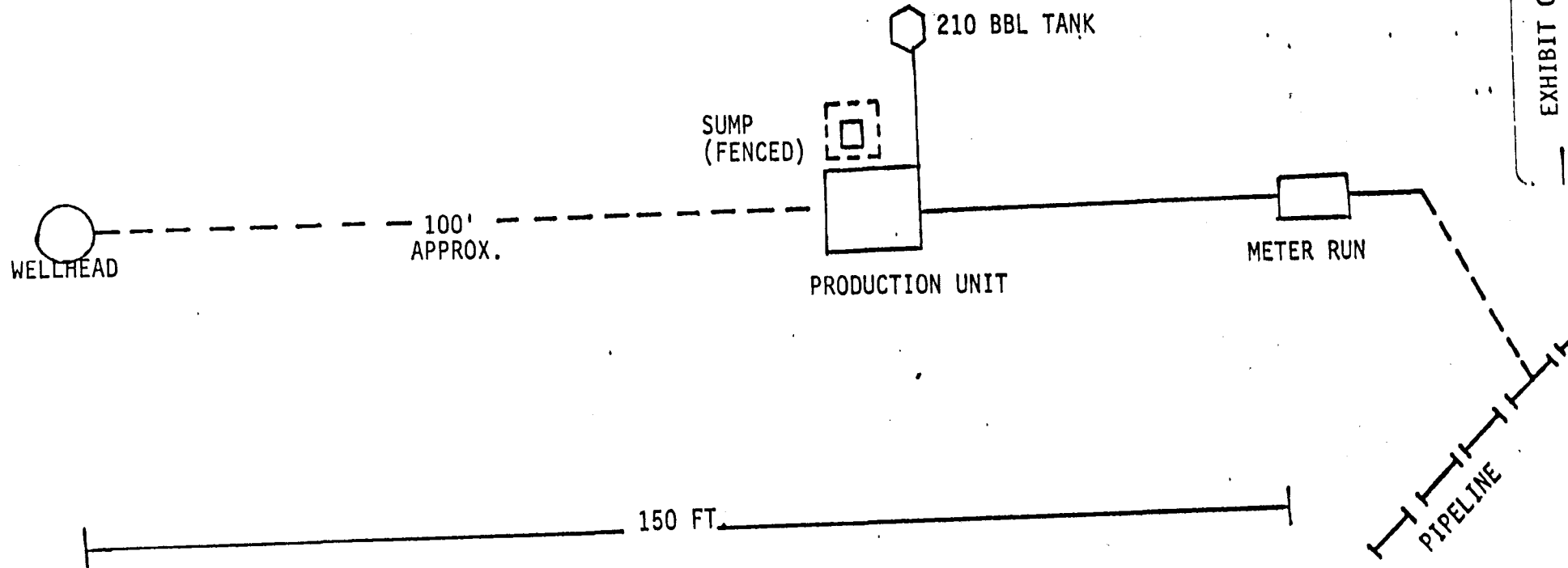
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access routes; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Coseka Resources (U.S.A) Limited and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

March 4, 1982  
Date

Gary Roberts  
Gary Roberts, Field Services Administrator

100 FEET



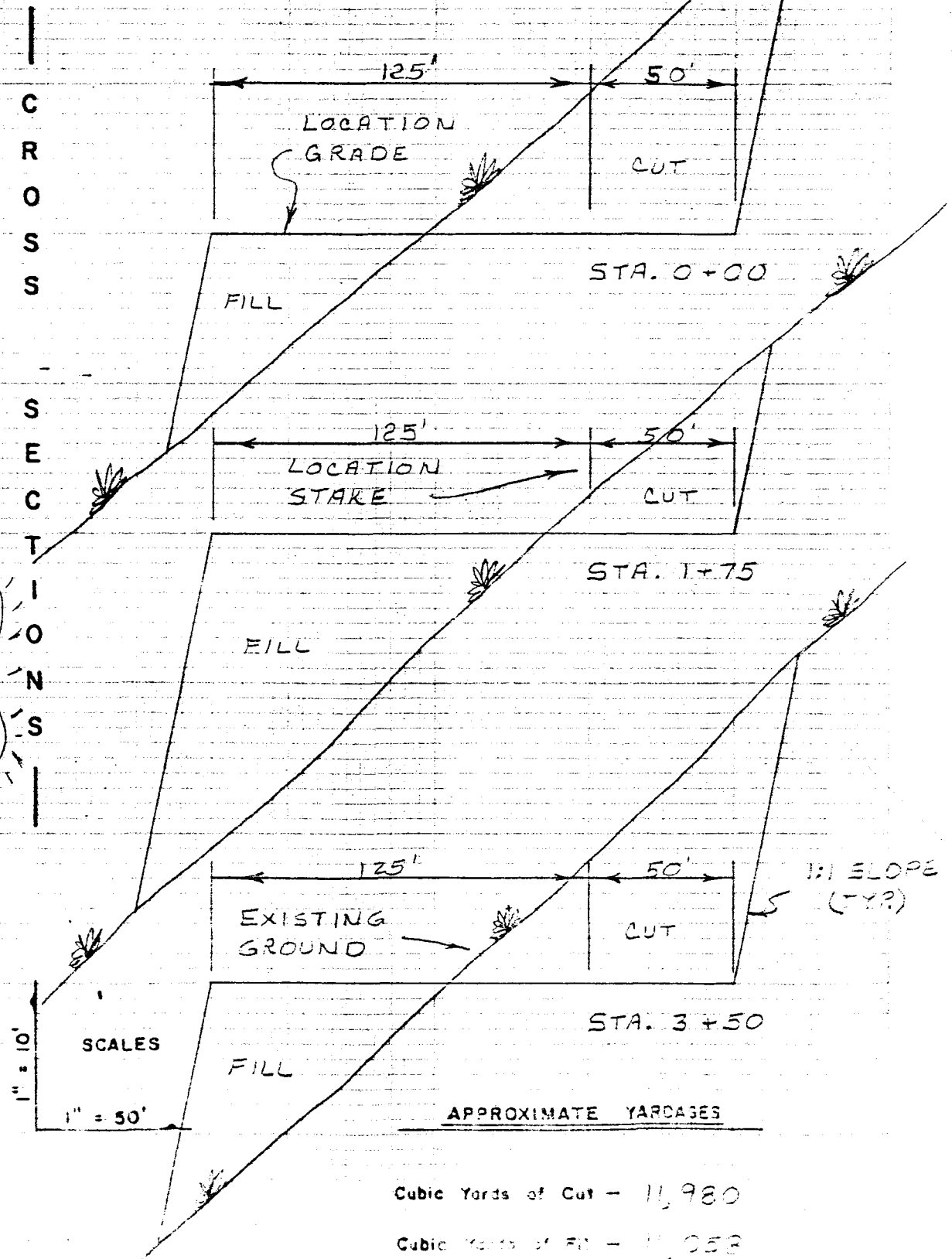
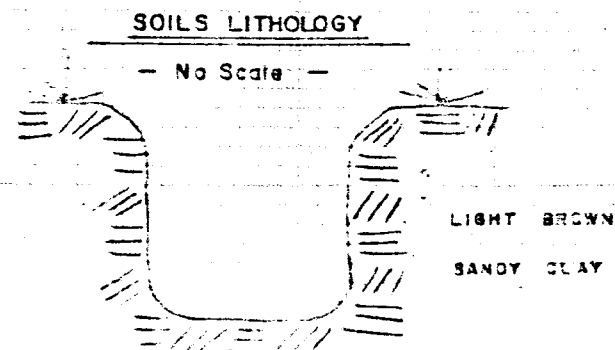
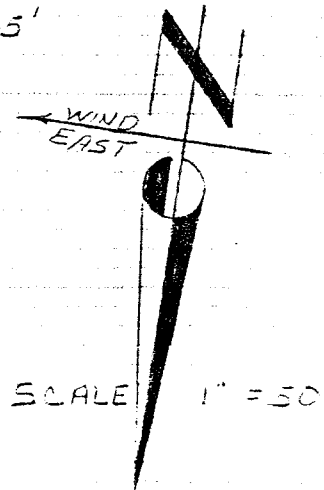
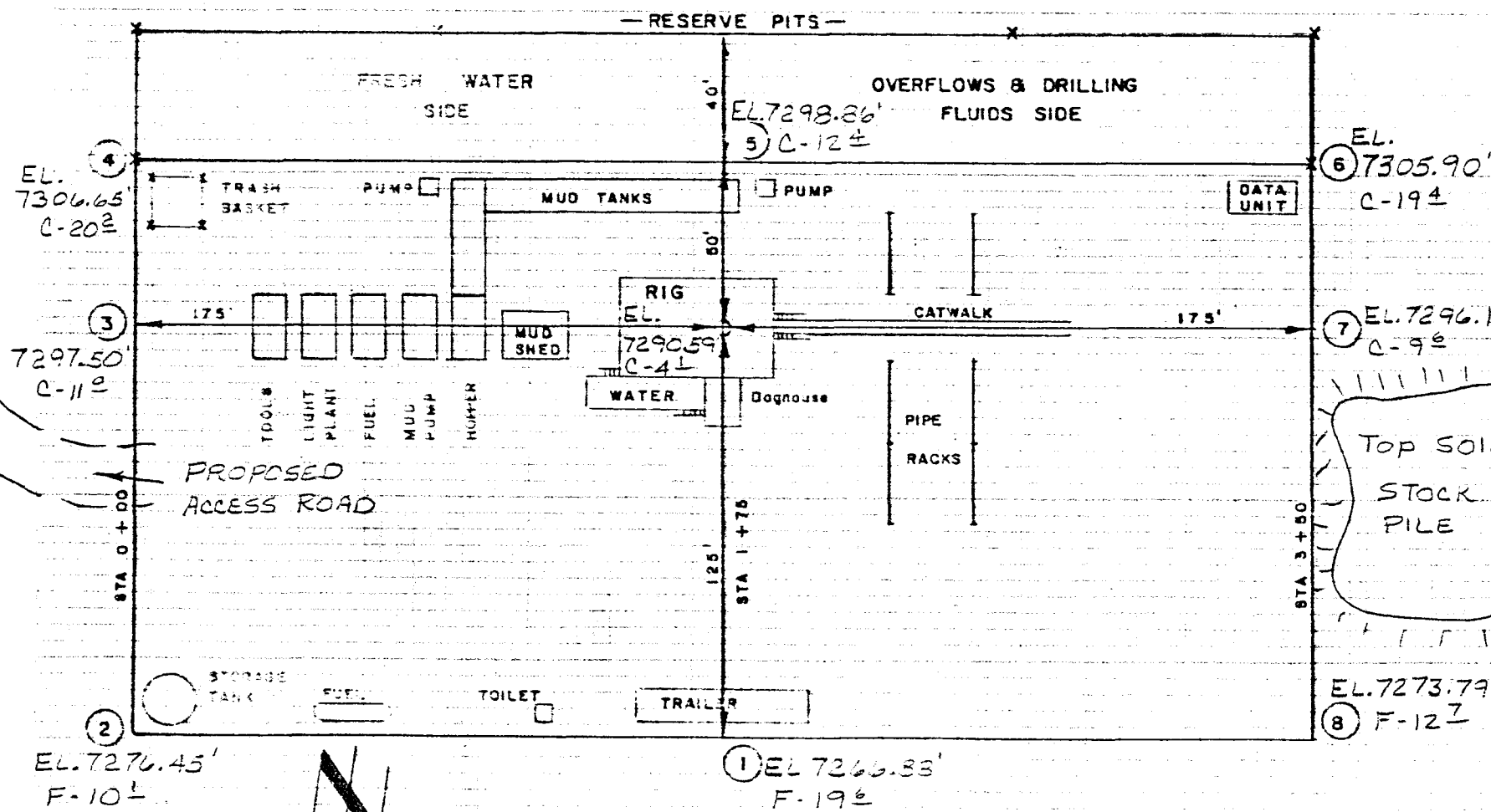
150 FT

PRODUCTION LAYOUT



# COSEKA RESOURCES U.S.A. LTD.

## MAIN CANYON UNIT # 1-6-15-23



COSEK 8 RESOURCES U.S.A. LTD.

MAIL CANYON UNIT # 1-6-15-23

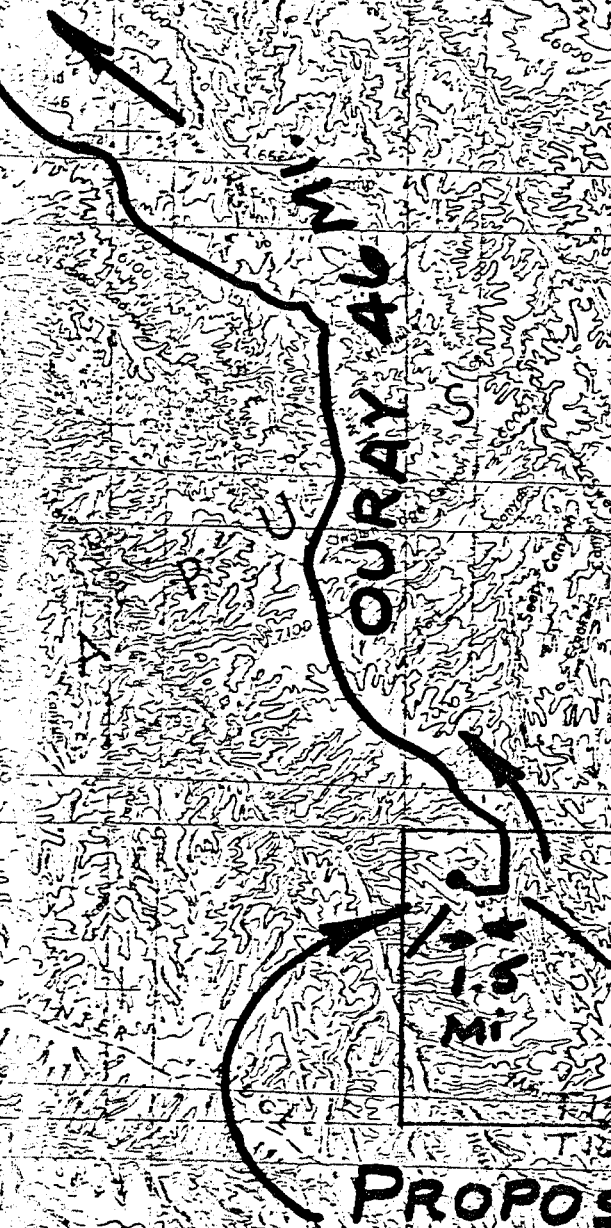
PROPOSED LOCATION

TOPO.

MAP "A"

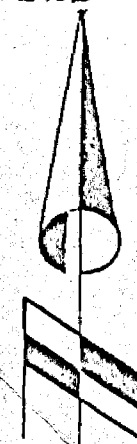


SCALE - 1" = 4 MI.



PROPOSED LOCATION  
M.C.U. # 1-6-15-23

PROPOSED LOCATION



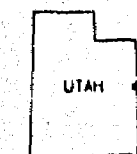
Торго.

MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, improved surface	Unimproved road, fair or dry weather
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QUADRANGLE LOCATION

UTAH

PROPOSED LOCATION  
MAIN CANYON UNIT #1-6-15-23

PROPOSED ACCESS ROAD

~~OURAY~~

72740  
46 MILES

T 14 S  
T 15 S

R	R
22	23
E	E

1.2 MILES





✓

DATE: MAY 17, 1982

OPERATOR: CASEKA RESOURCES

WELL NO: FEDERAL 1-10-15-23

Location: Sec. 10 T. 15S R. 23E County: LINCOLN



API Number 43-047-31219

**CHECKED BY:**

Petroleum Engineer:

Director:

Administrative Aide: Walt Welch

APPROVAL LETTER:

A diagram of a parallelogram with vertices labeled A, B, C, and D. Vertex A is at the top-left, B is at the top-right, C is at the bottom-right, and D is at the bottom-left. The sides are labeled AB, BC, CD, and DA.


---

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

FED

A diagram of a parallelogram with vertices labeled  $a$ ,  $b$ ,  $c$ , and  $d$ . The vertices are arranged such that  $a$  is at the top-left,  $b$  is at the top-right,  $c$  is at the bottom-right, and  $d$  is at the bottom-left.

A diagram of a parallelogram with vertices labeled A, B, C, and D. Vertex A is at the top-left, B is at the top-right, C is at the bottom-right, and D is at the bottom-left. The sides are labeled AB, BC, CD, and DA.



May 18, 1982

Coseka Resources (U.S.A.) LTD.  
P.O. Box 399  
Grand Junction, Colorado 81502

RE: Well No. Federal 1-6-15-23  
Sec. 6, T15S, R23E  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953, and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

Cleon B. Feight  
Office: 533-5771  
Home: 466-4455

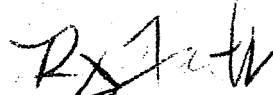
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31219.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Ronald J. Firth  
Chief Petroleum Engineer

RJF:sc  
cc: Minerals Management Service  
Enclosure

3140  
(U-912)

Branch of Fluid Minerals  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

August 3, 1983

Cosoka Resources (USA), Ltd.  
P.O. Box 359  
Grand Junction, CO 81502

Re: Rescinded Application for Permit  
to Drill <sup>FED</sup>  
Well No. 1-6-15-23  
Section 6-T150-R13E  
Utah County, Utah  
Lease No. U-9211

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 3, 1982. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Guyan  
Chief, Branch of  
Fluid Minerals

bcc: BLM-Vernal  
State O&G  
State BLM  
BIA  
Well File  
APD Control  
DSD/MR Reading  
922:DMoraley:rs:8/3/83:4590



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 14, 1983

Coseka Resources (USA) Limited  
P. O. Box 399  
Grand Junction, Colorado 81502

RE: Rescind Application for  
Permit to Drill  
Well No. Federal 1-6-15-23  
Sec. 6, T.15S, R.23E  
Uintah County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norman C. Stout  
Administrative Assistant

NS/as